

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 2847187  |
| <b>Application Number:</b>                  | 10695057   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 5980   |
| <b>Title of Invention:</b>                  | WIDE TEMPERATURE RANGE VERTICAL CAVITY SURFACE<br>EMITTING LASER |
| <b>First Named Inventor/Applicant Name:</b> | Qing Deng  |
| <b>Customer Number:</b>                     | 22913  |
| <b>Filer:</b>                               | Eric L. Maschoff/Amanda Behney                                   |
| <b>Filer Authorized By:</b>                 | Eric L. Maschoff   |
| <b>Attorney Docket Number:</b>              | 15436.170.1  |
| <b>Receipt Date:</b>                        | 12-FEB-2008  |
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| <b>Time Stamp:</b>                          | 13:43:23   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)                                      |

### Payment information:

|  |                   |
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| Submitted with Payment                   | yes               |
| Payment Type                             | Credit Card       |
| Payment was successfully received in RAM | \$ 1740           |
| RAM confirmation Number                  | 7575              |
| Deposit Account                          | 233178            |
| Authorized User                          | MASCHOFF, ERIC L. |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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### File Listing:

| Document Number | Document Description        | File Name               | File Size(Bytes) /Message Digest         | Multi Part /.zip | Pages (if appl.) |
|-----------------|-----------------------------|-------------------------|--|------------------|------------------|
| 1               | Issue Fee Payment (PTO-85B) | 15436-170-1-PTOL-85.pdf | 214342                                   | no               | 1                |
|                 |                             |                         | 132098e1c7994280131495120a5554026c3f1c8e |                  |                  |

#### Warnings:

#### Information:

|   |                        |              |  |    |   |
|---|------------------------|--------------|--|----|---|
| 2 | Fee Worksheet (PTO-06) | fee-info.pdf | 8312                                     | no | 2 |
|   |                        |              | a857668211c1623a87d5eaca217c33dd8b248e15 |    |   |

#### Warnings:

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.